



SHIELD™ WATER HEATER PRODUCT SUMMARY

S(N,L)(R,A) 150,000 - 500,000 BTU/HR

	SNR150-100	SNR200-100	SNA285-125	SNA400-125	SNA500-125
WATER					
GALLON CAPACITY	93	93	125	125	125
ASME CERTIFICATION	HLW	HLW	HLW	HLW	HLW
WATER CONNECTIONS	1-1/2"	1-1/2"	2"	2"	2"
DRAIN	3/4"	3/4"	3/4"	3/4"	3/4"
MAX. WORKING PRESSURE (PSI)	150	150	150	150	150
MAX. WATER HARDNESS (GRAINS)	25	25	25	25	25
GPH @ 100°F RISE	175	233	332	465	582
# OF RELIEF VALVES (Factory Supplied)	1	1	1	1	1
RELIEF VALVE SIZE (CPVC SDR11)	3/4"	3/4"	3/4"	3/4"	3/4"
RELIEF VALVE RATING (MBH)	500	500	500	500	1,912
RELIEF VALVE PRESSURE RATING (PSI)	150	150	150	150	150
RELIEF VALVE TEMPERATURE RATING (°F)	210	210	210	210	210
GAS					
INLET CONNECTION	1/2"	1/2"	3/4"	1"	1"
MAX. INLET PRESSURE, NAT	14"	14"	14"	14"	14"
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.
MAX. INLET PRESSURE, LP	14"	14"	14"	14"	14"
MIN. INLET PRESSURE, LP	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
BTU/HR INPUT	150,000	199,999	285,000	399,999	500,000
ELECTRICAL					
VOLTAGE	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24
TOTAL AMPS	3.0	3.2	4.5	6.5	6.7
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1
DIMENSIONS					
HEIGHT	80"	80"	80"	80"	80"
WIDTH	28"	28"	34"	34"	34"
SERVICE CLEARANCES					
FRONT	24"	24"	24"	24"	24"
RIGHT SIDE	24"	24"	24"	24"	24"
TOP	18"	18"	18"	18"	18"
VENT					
SIZE	3"	3"	4"	4"	4"
MAXIMUM LENGTH	100'	100'	100'	100'	100'
VENT CATEGORY	IV	IV	IV	IV	IV
VENT MATERIAL	PVC	PVC	PVC	PVC	PVC

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